

**Abstract**

The invention relates to a method for examining the ocular fundus, according to which images of the ocular fundus are generated by means of a camera and/or an illumination unit and are subjected to an evaluation. The aim of the invention is to further develop said method in such a way that the certainty of a decision is optimized while avoiding subjective assessments. Said aim is achieved by controlling and/or regulating the optimization of the camera position and/or the illumination unit with regard to the certainty of detection following an automatic classification by means of a predefined pattern detection algorithm.